

DUNAFORM
Pressure-molder

Operating instructions



A thermoforming device for all applications of the dental thermoforming technique
in the laboratory and in the practice

“DUNAFORM – a thermoforming device of the new generation!”

Set up information

The DUNAFORM has to be set up in a dry environment on to a flat area.
When working with the unit, the general rules for prevention of accidents has to be observed.

When you don't work with the device, the mains switch has to be switched off.



Specification

- 1 mains switch ON/OFF
- 2 compressed air connection
- 3 infrared heater
- 4 pressure dome
- 5 clamping ring for foils
- 6 foil support
- 7 model base plate
- 8 granulate dish
- 9 foil-keyboard / display
- 10 bolt
- 11 pressure controller

Forms of delivery

DUNAFORM	item-no. 581-003-008
model base plate	item-no. 331-000-507
lead granulate	item-no. 581-004-015

Technical data

mains connection	230 V 50 Hz
power	850 W
fuse	T 5 A
working pressure	0,5 – 6 bar
height	190 mm
width	350 mm
depth	300 mm
weight	approx. 9 kg

Attention! Safety information

Don't touch the radiator! – Hot surface!
Only actuate the bolt, when pressure dome is closed.
Only operate under supervision.
Don't store inflammable substances near the device.

Setting to work

Put the cold device plug of the separately enclosed cable connection on the back of the device into the socket. Put the grounded plug in a 230 V / 50 Hz grounded socket. Connect the compressed air connection to the nipple (.2.) on the rear of the device. Now, the device is ready to be put into operation

and can be started by the power switch ON/OFF. The switch is equipped with a pilot lamp.

Operating instruction

- 1 pressure dome (.4.) unlock (.10.) and lift up.
- 2 take away the clamping ring for foils (.5.), insert the sheet centrally into the support, insert the clamping ring for foils and turn it clockwise until the stop, so far until the foil spans.
- 3 put the model on to the model base plate (.7.), or lift-up the model base plate, which lies loose on the granulate dish (.8.), fill-in granulate and embed the model.
- 4 when delivering the device, 4 bar working pressure are adjusted. If you want to change the pressure adjustment, turn the grip (.11.) to the right (.+) or to the left (-).
- 5 switch on the mains switch (.1.) to ON.
- 6 programme and press the enter push button for selecting the heating time by foil-keyboard (.9.).
- 7 the order of events will be shown on the display (.9.). Swivel the pressure dome (.4.) under the infrared heater (.3.).
- 8 after the course of the heating time has run out, swivel the pressure dome (.4.) on the model and lock.
- 9 after the course of cooling down has run out, unlock the pressure dome (.4.), therefore press the pressure dome from above (.11.), then turn the clamping ring for foils (.5.) anticlockwise until the stop and only after that, lift off the pressure dome.
- 10 when working goes on, you can repeat from the beginning.
Otherwise, switch off the device at the mains switch (.1.).

Information on cleaning and maintenance

Clean the DUNAFORM device simply with a damp cloth. Don't use detergents and solvents.

In order to keep it's full function, we recommend to replace the seals annually when using the device strongly.

If there will modifications or repairs of the electrical or mechanical components of the device be made, you need an attestation about the kind and the scope from the company that made the repairs, including the specifications of the modification. Also the date of the repair, the exact address of the company, as well as the signature has to be written on the attestation.



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